



Province of Manitoba

DEPARTMENT OF MINES AND NATURAL RESOURCES

MINES BRANCH

PUBLICATION 57-4

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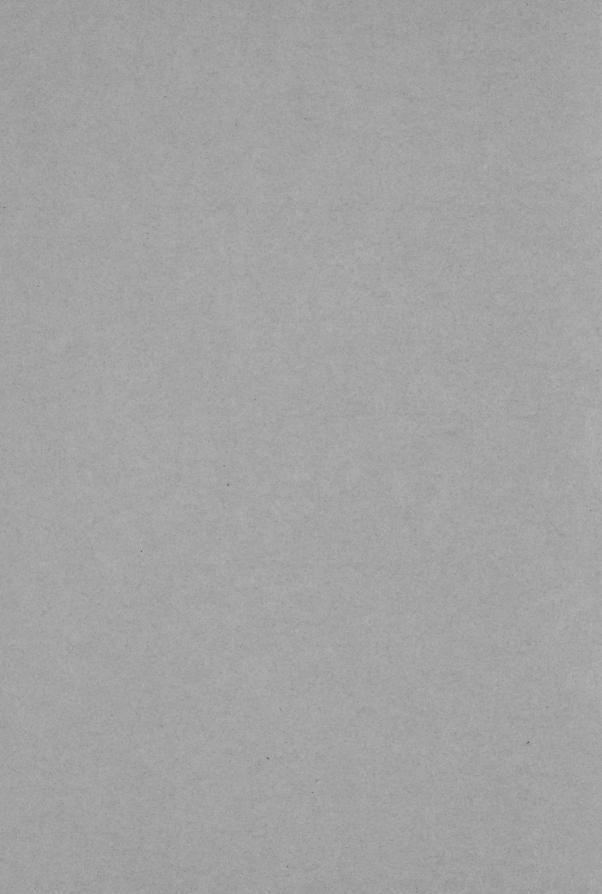
Geology, Palaeontology, Industrial Minerals, and Fuels in the Post-Cambrian Regions of Manitoba

1950 to 1957

Compiled by

B. A. MILLS

WINNIPEG





DEPARTMENT OF MINES AND NATURAL RESOURCES

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MINES BRANCH

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PREFACE

This bibliography, compiled to serve as an index to geological articles dealing with that part of Manitoba underlain by rocks of post-Cambrian age, covers the period 1951 to 1957 inclusive and is supplementary to Mines Branch publication 51-2, "Bibliography of Geology, Palaeontology, Industrial Minerals, and Fuels in the post-Cambrian Regions of Manitoba to 1950". A few articles published before 1951 but omitted from publication 51-2 are included in the present bibliography.

The bibliography has been divided into three parts. In Part I references are indexed according to authors in alphabetical order. Where more than one report by a particular author appeared during the same year they are distinguished for reference purposes by a letter a, b, etc. after the date – as 1953a, 1953b. In Part I the complete title of the article, the publication in which the article appears, the page number, and date are included for each reference.

Part II lists the reference according to subject matter; only the author's name and title of the article is given. For the complete reference, Part I should be consulted.

Appendix I of Part III contains a short list of stratigraphic maps compiled by the Mines Branch. These stratigraphic maps are compilations from available well records and consequently are revised from time to time as additional information becomes available. Several references dealing with drilling activity, oil production figures and other subjects which cannot be included conveniently in Parts I or II, but which may be of interest to the user of the bibliography are listed in Appendix II. Appendix III lists the authors of articles appearing before 1950 but missing from publication 51-2. References to such articles are contained also in Parts I and II of the present bibliography.

It is probable that some articles that should have been included in the present bibliography have been omitted. It will be appreciated if such omissions are brought to the attention of the Mines Branch.

Grateful acknowledgement is made of the kind assistance offered by the staffs of the University of Manitoba and the Manitoba Provincial Library.

LIST OF PUBLICATIONS AND ABBREVIATIONS

Amer. Assoc. Petrol. Geol. Bull. - American Association of Petroleum Geologists Bulletin. Tulsa, Okla.

Billings Geol. Soc. Guidebook, Ann. Field Conference - Billings Geological Society Guidebook, Annual Field Conference. Billings, Mont.

Canada Dept. Mines and Tech. Surv., Mines Br. Memo. Ser. - Canada Department of Mines and Technical Surveys, Mines Branch Memorandum Series; Industrial Minerals Division - Water Surveys Report. Ottawa, Canada.

Canadian Field Naturalist. Ottawa, Canada.

Can. Inst. Min. and Met. Trans. - Canadian Institute of Mining and Metallurgy Transactions. Montreal, Quebec.

Can. Oil and Gas Indust. - Canadian Oil and Gas Industries. Gardenvale, Quebec.

Canadian Strat. Serv. Ltd. - Canadian Stratigraphic Service Limited. Calgary, Alberta.

Denison Univ. Sci. Lab. Jour. - Denison University Scientific Laboratories Journal. Granville, Ohio.

Geol. Assoc. Canada - Geological Association of Canada; Special Papers. Ottawa, Canada.

Geol. Mag. - Geological Magazine. Hertford, England.

Geol. Soc. Amer. Bull. - Geological Society of America Bulletin. New York.

Geol. Surv. Canada, Bull.; Mem.; Paper; Water Supply Paper; Econ. Geol. Ser.; - Geological Survey of Canada, Bulletin; Memoir; Paper; Water Supply Paper; Economic Geology Series. Ottawa, Canada.

Geophysics. Austin, Texas.

Imperial Oil Review. Toronto, Ontario.

Jour. Alta. Soc. Petrol. Geol. - Journal of the Alberta Society of Petroleum Geologists. Calgary, Alberta.

Jour. Geol. - Journal of Geology. Chicago, Ill.

Jour. Paleontology - Journal of Paleontology. Tulsa, Okla.

Kansas Univ. Paleont. Contrib. - Kansas University Paleontological Contributions. Topeka, Kansas.

Manitoba Dept. Agric. - Manitoba Department of Agriculture. Winnipeg, Manitoba.

Manitoba Mines Branch Pub. - Manitoba Department of Mines and Natural Resources, Mines Branch Publications. Winnipeg, Manitoba.

Manitoba Dept. Indust. and Commerce Bull. - Manitoba Department of Industry and Commerce Bulletin. Winnipeg, Manitoba.

Mich. Univ. Mus. Paleontology Contrib. - Michigan University Museum of Paleontology Contributions. Ann Arbor, Michigan.

Natl. Research Council of Canada, Assoc. Comm. on Soil and Snow Mech., Tech. Memo. - National Research Council of Canada, Associate Committee on Soil and Snow Mechanics, Technical Memorandum. Ottawa, Canada.

N. Dak. Geol. Soc. - North Dakota Geological Society.

N. Dak. Geol. Surv. Bull.; Rept. Inv. - North Dakota Geological Survey Bulletin; Report of Investigations. Grand Forks, N. Dak.

Oil and Gas Jour. - Oil and Gas Journal. Tulsa, Okla.

Oil in Canada. Winnipeg, Manitoba.

Ottawa Naturalist. Ottawa, Canada.

Petroleum Engineer. Dallas, Texas.

PFRA Interim Rept. - Prairie Farm Rehabilitation Administration Interim Report. Winnipeg, Manitoba.

Precambrian - The Precambrian. Winnipeg, Manitoba.

Rock Products. Chicago, Ill.

Saskatchewan Geol. Soc. - Saskatchewan Geological Society. Regina, Sask.

Saskatchewan Geol. Surv. Rept. - Saskatchewan Geological Survey Report. Regina, Sask.

Science. Lancaster, Pa.

Trans. Roy. Soc. Canada. - Transactions of the Royal Society of Canada. Ottawa, Canada.

Scientific Agriculture. Ottawa, Canada.

U.S. Geol. Surv. Bull. - United States Geological Survey Bulletin.

Western Miner. Vancouver, B.C.

Williston Basin Oil Review. - Bismark, N.D.

World Oil. Houston, Texas.

World Petroleum. New York.

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 - (1949b): Groundwater Resources of Townships 7 to 10, Ranges 26 to 29 WPM, Manitoba (Virden Area).

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 - (1949e): (and Elson, J. A.). Groundwater Resources of Townships 1 to 6, Ranges 22 to 25 WPM, Manitoba (Deloraine Area). Geol. Surv. Canada, Water Supply Paper No. 300, 22 pp.
 - (1951a): Groundwater Resources of Townships 11 to 14, Ranges 18 to 21, WPM, Manitoba (Rivers Area).

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 - (1951b): Groundwater Resources of Townships 11 to 14, Ranges 22 to 25, WPM, Manitoba (Hamiota Area).

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 - (1951c): Groundwater Resources of Townships 11 to 14, Ranges 26 to 29, WPM, Manitoba (Elkhorn Area).

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 - (1954a): Groundwater Resources of Townships 1 to 6, Ranges 6 to 9, WPM,
 Manitoba (Manitou Area).

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PART III

Appendix I

Stratigraphic Maps

- Department of Mines and Natural Resources, Mines Branch-Geological Division Stratigraphic Series.
- Strat. Map No. 1 Eight-well, east-west stratigraphic cross section, south-western Manitoba. Compiled by H. M. Zaborniak.
- Strat. Map No. 2 Seven-well, north-south stratigraphic cross section, south-western Manitoba. Compiled by H. M. Zaborniak.
- Strat. Map No. 3 Nine-well, north-south stratigraphic cross section, south-western Manitoba. Compiled by H. M. Zaborniak.
- Strat. Map No. 4 Isopach and structure contour map of the Mississippian System of southwestern Manitoba. Compiled by H. M. Zaborniak.
- Strat. Map No. 5 Six-well, east-west stratigraphic cross section of Mississippian, Sinclair to Oak Lake. Compiled by H. R. McCabe.
- Strat. Map No. 6 Seven-well, east-west stratigraphic cross section of Mississippian, Pierson to Boissevain. Compiled by H. R. McCabe.
- Strat. Map No. 7 Daly Field Structure Contour Map on the First Crinoidal Zone (Middle Daly Member). Compiled by O. J. Fleming.
- Strat. Map No. 8 Structure Contour Map of Upper Virden Member, Lodgepole Formation, North Virden and Virden-Roselea fields. Compiled by O. J. Fleming.
- Strat. Map No. 9 Isopach Map of Prairie Evaporites of Elk Point Group. Compiled by O. J. Fleming.
- Strat. Map No. 10 Structure Contour Map, top of Precambrian. Compiled by O. J. Fleming.
- Strat. Map No. 11 Structure Contour and Isopach Map of Winnipeg Formation.

 Compiled by O. J. Fleming.
- Strat. Map No. 12 Structure Contour and Isopach of Red River Formation. Compiled by O. J. Fleming.
- Strat. Map No. 13 Structure Contour and Isopach Map of Stony Mountain Formation. Compiled by O. J. Fleming.
- Strat. Map No. 14 Structure Contour and Isopach of Sand Zone, Ashville Formation. Compiled by O. J. Fleming.

Appendix II

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Appendix III

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